

CLAIMS

1. Use of a combination of an IgG2 antibody to a phosphopeptidomannan (PPM) fraction of the cell wall of *C albicans*, and an IgG1 antibody to a *C albicans* cell wall antigen, and glucan for the diagnosis of candidiasis or invasive candidiasis.
2. Use of an antibody to a *C albicans* cell wall antigen or to a solubilized phosphopeptidomannan (PPM) fraction of the cell wall of *C albicans* for the diagnosis of candidiasis or invasive candidiasis.
3. The use according to claim 2, wherein said antibody is an IgG2 antibody.
4. The use according to claim 2, wherein said antibody is an IgG1 antibody.
5. The use according to claim 2, wherein said antibody is an IgG3 antibody.
6. Diagnostic kit for the diagnosis of candidiasis or invasive candidiasis comprising
  - means for drawing a sample from a patient;
  - means for an assay for the detection of a combination of an IgG2 antibody to a phosphopeptidomannan (PPM) fraction of the cell wall of *C albicans*, and an IgG1 antibody to a *C albicans* cell wall antigen, and glucan, wherein said sample is analyzed for the presence of the simultaneous presence of an IgG2 antibody to a phosphopeptidomannan (PPM) fraction of the cell wall of *C albicans*, and an IgG1 antibody to a *C albicans* cell wall antigen, and glucan.
7. The diagnostic kit according to claim 6, wherein said assay is a sandwich ELISA assay.
8. Diagnostic kit for the diagnosis of candidiasis or invasive candidiasis comprising

- means for drawing a sample from a patient;
  - means for an assay for the detection of an antibody to a *C albicans* cell wall antigen or to a solubilized phosphopeptidomannan (PPM) fraction of the cell wall of *C albicans*, wherein said sample is analyzed for the presence of
- 5 an antibody to a *C albicans* cell wall antigen or to a solubilized phosphopeptidomannan (PPM) fraction of the cell wall of *C albicans*.

9. The diagnostic kit according to claim 8, wherein said antibody is an IgG2 antibody.
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10. The diagnostic kit according to claim 8, wherein said antibody is an IgG1 antibody.

11. The diagnostic kit according to claim 8, wherein said antibody is an
- 15 IgG3 antibody.

12. The diagnostic kit according to any one of the claims 8-11, wherein said assay is a sandwich ELISA assay.

- 20 13. A method for diagnosing candidiasis or invasive candidiasis a patient comprising
- drawing a sample from the patient, and
  - performing an assay for the detection of an IgG2 antibody to a phosphopeptidomannan (PPM) fraction of the cell wall of *C albicans*, and an IgG1
- 25 antibody to a *C albicans* cell wall antigen, and glucan, wherein the simultaneous presence of an IgG2 antibody to a phosphopeptidomannan (PPM) fraction of the cell wall of *C albicans*, and an IgG1 antibody to a *C albicans* cell wall antigen, and glucan indicates candidiasis or invasive candidiasis in the patient

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14. A method for diagnosing candidiasis or invasive candidiasis a patient comprising
- drawing a sample from the patient, and
  - performing an assay for the detection of an antibody to a *C albicans*
- 35 cell wall antigen or to a solubilized phosphopeptidomannan (PPM) fraction of the cell wall of *C albicans*,

wherein the presence of an antibody to a *C albicans* cell wall antigen or to a solubilized phosphopeptidomannan (PPM) fraction of the cell wall of *C albicans* indicates candidiasis or invasive candidiasis in the patient.

5           15. Use of an antibody for the diagnosis of candidemia or invasive Candida infection.

          16. The use according to claim 15, wherein said antibody is an IgG antibody to a native cell wall fragment of *C albicans*.

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          17. The use according to claim 15, wherein said antibody is an IgG antibody to a solubilized phosphopeptidomannan (PPM) fraction of the cell wall of *C albicans*.

15           18. The use according to claim 16 or 17, wherein said IgG antibody is a human serum IgG antibody.

          19. Diagnostic kit for the diagnosis of candidemia or invasive Candida infection comprising

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- means for drawing a sample from a patient;
- means for an assay for the detection of an IgG antibody to a native cell wall fragment of *C albicans* or an IgG antibody to a solubilized phosphopeptidomannan (PPM) fraction of the cell wall of *C albicans*, wherein said sample is analyzed for the presence of an IgG antibody to a native cell wall

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fragment of *C albicans* or an IgG antibody to a solubilized phosphopeptidomannan (PPM) fraction of the cell wall of *C albicans*.

          20. The diagnostic kit according to claim 19, wherein said assay is a sandwich ELISA assay.

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          21. The diagnostic kit according to claim 19 or 20, wherein said antibody is a human serum IgG antibody.

          22. A method for diagnosing candidemia or invasive Candida infection in a patient comprising

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- drawing a sample from the patient, and

- performing an assay for the detection of an IgG antibody to a native cell wall fragment of *C albicans* or an IgG antibody to a solubilized phosphopeptidomannan (PPM) fraction of the cell wall of *C albicans*, wherein the presence of an IgG antibody to a native cell wall fragment of *C albicans* or an IgG antibody to a solubilized phosphopeptidomannan (PPM) fraction of the cell wall of *C albicans* indicates candidemia or invasive Candida infection in the patient.

23. The method according to claim 22, wherein said antibody is a human serum IgG antibody.